

**Notice of Allowability**

Application No.

09/996,596

Applicant(s)

AWAJI, HIDEO

Examiner

James C Kerveros

Art Unit

2133

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to AMENDMENT filed 4/29/2004.
  2. ☒ The allowed claim(s) is/are 1-3,6-9 and 12-17, Renumbered Claims 1-13.
  3. ☒ The drawings filed on 03 November 2001 are accepted by the Examiner.
  4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)           |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|   | 9. <input type="checkbox"/> Other _____   |

*Guy J. Lamarre*  
Primary Examiner

### REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance:

The prior arts of record taken alone or in combination fail to teach, anticipate, suggest or render obvious the claimed invention recited in the independent claims, below.

Claim 1 recites a power line being arranged along an electrical wire for supplying power to a motor and a voltage measurement unit for measuring an electromotive force in the electrical wire induced by supplying the power to the power line.

Claim 2 recites a shielded conductor covering an electrical wire being electrically connected to a motor electrical wire for supplying power to a motor, and a voltage measurement device for measuring an electromotive force in the shielded conductor induced by supplying a current to the electrical wire.

Claims 7, 9 and 13 recite a charged body, which is arranged near an electrical wire for supplying a power to a motor, and a voltage measurement unit for measuring an electromotive force induced in the electrical wire by the charged body.

Claims 8, 12 and 14 recite a charged body, which is arranged near an electrical wire for supplying a power to a motor, and a voltage measurement device for measuring an electromotive force induced in the conductor by the charged body.

Claim 15 recites a method of arranging a charged body electrically insulated from an electrical wire for supplying a power to the motor near the motor electrical wire and measuring an electromotive force induced in the motor electrical wire by the charged body.

Claim 16 recites a method of arranging a charged body electrically insulated from an electrical wire and a conductor near the electrical wire and measuring an electromotive force induced in the conductor by the charged body.

2. Consequently, independent claims 1, 2, 7-9 and 12-16 are allowed over the prior arts of record. Claim 3, 6 and 17 are directly or indirectly depended upon claims 1 and 2 and therefore are also allowable. Claims 4, 5, 10 and 11 are cancelled.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to James C Kerveros whose telephone number is (703) 305-1081. The examiner can normally be reached on 9:00 AM TO 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Albert Decady can be reached on (703) 305-9595. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

U.S. PATENT OFFICE  
Examiner's Fax: (703) 746-4461  
Email: [james.kerveros@uspto.gov](mailto:james.kerveros@uspto.gov)

Date: 21 June 2004  
Office Action: 20040621. Allowance

By: 

James C Kerveros  
Examiner  
Art Unit 2133

*Guy J. Lamarre*  
*Primary Examiner*

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